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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Attorney Docket No.: 2753.01US03

Nordberg

Confirmation No.: Not Assigned

Application No.:

10/840,082

Examiner: Not Assigned

Filed:

May 6, 2004

Group Art Unit: Not Assigned

For:

NUCLEAR FUSION REACTOR INCORPORATING SPHERICAL

ELECTROMAGNETIC FIELDS TO CONTAIN AND EXTRACT ENERGY

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date. No certification or fee is required.

Copies of the references were cited by or submitted to the Office in Patent Application No. 09/939,316, filed August 24, 2001, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these references are not attached. 37 C.F.R. § 1.98(d).

Application No. 10/840,082

This application was filed after June 30, 2003; therefore, copies of cited U.S. patents and U.S. published applications are not included.

Respectfully submitted,

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IN ORMATION DISCLOSURE ATEMENT BY APPLICANT (Use as many sheets as necessary)				First Named Inventor No		Ma	May 6, 2004 Nordberg		
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							2753.01US03		
Sheet	1	of 2					33.010303		
			U.S. PATE	NT	DOCUMENTS				
EXAMINER INITIAL*	Cite No.1	Document Number			Publication Date MM-DD-YYYY		Name of Patentee or Applicant of Cited Document		
		Number-Kind	Code ^{2 (if known)}						
		US-3,378,446	<u> </u>		04-1968		Whittlesey		
		US-3,764,466			10-1973		Dawson		
		US-3,967,215			06-1976		Bellak		
		US-4,202,725			05-1980		Jarnigan		
		US-4,354,999			10-1982		Priest	_	
		US-4,448,743			05-1984		Bass		
	-	US-4,552,742			11-1985		Mayer	_	
		US-4,618,470			10-1986		Salisbury		
		US-4,639,348			01-1987		Jarnigan		
		US-4,735,762			04-1988		Lasche		
		US-5,139,731 US-5,152,955 US-5,182,075			08-1992		Hendry		
					10-1992 01-1993		Russell Gotoh et al.		
		US-5,818,649			10-1998		Anderson		
		US-5,818,891			10-1998		Rayburn et al.		
		US-							
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		F	OREIGN PA	TEI	NT DOCUMENTS				
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Complete if Known Substitute for form 1449/PTO 10/840,082 Application Number May 6, 2004 INFORMATION DISCLOSURE Filing Date STATEMENT BY APPLICANT First Named Inventor Nordberg (Use as many sheets as necessary) Art Unit Not Assigned **Examiner Name** Not Assigned Attorney Docket Number 2753.01US03 2 of 2 Sheet NON PATENT LITERATURE DOCUMENTS **EXAMINER** Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite No.1 item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), INITIAL' publisher, city and/or country where published Book: The Fusion Quest, T. Kenneth Fowler, The Johns Hopkins University Press, 1997. Website print-out: Starship-Design: Dirtside Fusion Energy, University of Oregon, pp. 1-2, August 15, 2001. Stabilization of Kink Instabilities by Eddy Currents in a Segmented Wall and Comparison With Ideal MHD Theory, A.M. Garofalo, E. Eisner, T.H. Ivers, R. Kombargi, M.E. Maeul, D. Maurer, G.A. Navratil, M.K. Vijaya Sankar, E. Taylor, Q. Xiao, Columbia University, New York. Fusion, Nuclear, Encyclopedia of Energy, Daniel N. Lapedes, Editor, pp. 301-429, 1976. Linear Magnetohydrodynamic Stability in Reversed Field Pinch with Distant and Multiple Resistive Walls, R. Paccagnella, Padova, Italy. MAGO: An Innovative Approach to Magnetic Target Fusion, Physics Division Technology Review, Los Alamos National Laboratory, Los Alamos, New Mexico. Website Print-out: Spotlights on Portuguese S&T and Innovation, Centre for Nuclear Fusion, pp. 1-4. Propogation of a Spheromak, M. Vandas, S. Fischer, P. Pelant, M. Dryer, Z. Smith, T. Detman, Journal of Geophysical Research, Vol. 102, No. A11, pp. 24,183-24,193, November 1997.

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